



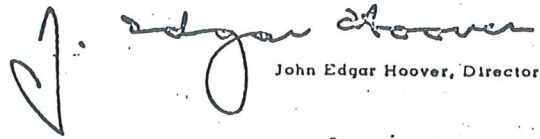
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

- 1 - Mr. Rosen
- 1 - Mr. Long
- 1 - Mr. Conrad
- 1 - Mr. Frazier
- ① - Lab Files.
- 1 - Office, 7133

To: FBI, Memphis (44-1987)

Date: April 13, 1968

Re: MURKIN


John Edgar Hoover, Director

FBI File No. 44-38861
Lab. No. PC-A5530 BX CE JV

Examination requested by: Memphis

Reference: Airtel 4/4/68

Examination requested: Firearms - Spectrographic - Microscopic

Remarks: Specimens Q76 through Q35 are being temporarily retained in the Laboratory.

Serological examinations of the victim's clothing will be reported separately.

A microscopic examination of the fabric and yarns in the damaged areas of Q76 and Q77 indicates the object or objects causing the damage may have entered the collar from above and traveled downward through the collar, severed the necktie and exited immediately below the collar. Some of the material causing the damage to Q76 and Q77 could have also caused the damage to the Q73 coat at the same time due to the type and location of the damage.

Enclosures (2) (2 Lab report)

RAF:jc (9)



FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D. C. 20535

To: FBI, Memphis
Re: MURKIN

Date: April 18, 1968
FBI File 44-38861
Lab. No. PC-A5530 BX GH JY

Specimens received

4/8/68

CLOTHING FROM MARTIN LUTHER KING, JR.

Q76 Shirt
Q77 Necktie
Q78 Suit coat
Q79 Trousers
Q80-Q81 Pair of socks
Q82 Undershorts
Q83 Undershirt
Q84-Q85 Pair of shoes

-Results of examination:

There is a large hole in the right front portion of the collar of the Q76 shirt. The Q77 necktie has been forcibly torn apart in the right front neck portion also. The object or objects causing the damage were larger than a bullet of .30 caliber size and irregular in shape as all of the yarns were broken, not cut. One or more segments of bone could not be eliminated as the cause of the damage.

The right lapel of the Q78 coat has three damaged areas on the surface of the fabric. These areas have been torn by some object or objects, but the damage does not extend through the lapel. The torn areas vary from $\frac{1}{2}$ " to 1" in length and the condition of the yarn indicates the object or objects struck the coat from above and probably glanced off the coat.

Due to the sizes and ragged edges of the damaged areas of the Q76 shirt, Q77 necktie and Q78 suit coat, it was not possible to recognize any bullet holes or to

Page 1

(continued on next page)

RAF:jc (9)

- 1 - Mr. Tolson
- 1 - Mr. Boardman
- 1 - Mr. Nichols
- 1 - Mr. DeLoach
- 1 - Mr. Casper
- 1 - Mr. Callahan
- 1 - Mr. Conrad
- 1 - Mr. Felt
- 1 - Mr. Gale
- 1 - Mr. Rosen
- 1 - Mr. Sullivan
- 1 - Mr. Tavel
- 1 - Mr. Trotter
- 1 - Tele. Room
- 1 - Miss Holmes
- 1 - Miss Gandy

determine from visual examination whether or not a bullet or any bullet fragments had passed through or struck these items.

No bullet holes were found in Q79 through Q85.

The edges of the hole torn in the Q76 shirt collar, the edges of the three tears in the collar of the Q78 suit coat and the material near the ends of the Q77 necktie were contaminated with traces of lead which could have come from a bullet or from bullet fragments. The lead contamination of these items could not be associated with a particular bullet or lead source.

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Page 2
PC-A5530 EX GH JV

RSF:go (8)

ADMINISTRATIVE PAGE